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Approved for use through 10/31/2002. OMB 0651-0032

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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# UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

|                        |  |
|------------------------|--|
| Attorney Docket No.    | TI-35608   |
| First Inventor         | PR Chidambaram   |
| Title                  | IMPROVED METHOD FOR PRODUCING LOW/HIGH VOLTAGE THRESHOLD TRANSISTORS IN SEMICONDUCTOR PROCESSING |
| Express Mail Label No. | ER037300136US  |

01008 U.S. PTO  
10/602994  
06/24/03**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents

1.  Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original, and a duplicate for fee processing)
2.  Applicant claims small entity status.  
See 37 CFR 1.27.
3.  Specification  
(preferred arrangement set forth below)
 

|               |    |
|---------------|----|
| [ Total Pages | 10 |
|---------------|----|
- Descriptive title of the Invention
  - Cross Reference to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to sequence listing, a table, or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
4.  Drawing(s) (35 U.S.C. 113)  
Sheets
 

|         |   |
|---------|---|
| [ Total | 4 |
|         | 1 |
5. Oath or Declaration  
Pages
 

|         |   |
|---------|---|
| [ Total | 1 |
|---------|---|
- a.  Newly Executed (original or copy)
- b.  Copy from a prior application (37 CFR 1.63(d))  
(for continuation/divisional with Box 18 completed)
- i.  **DELETION OF INVENTOR(S)**  
Signed statement attached deleting Inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6.  Application Data Sheet. See 37 CFR 1.76

**ADDRESS TO:**Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

7.  CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)
  - a.  Computer Readable Form (CRF)
  - b. Specification Sequence Listing on:
    - i.  CD-ROM or CD-R (2 copies); or
    - ii.  paper
  - c.  Statements verifying identity of above copies

**ACCOMPANYING APPLICATION PARTS**

9.  Assignment Papers (cover sheet & documents(s))
10.  37 CFR 3.73(b) Statement  
(when there is an assignee)
  Power of Attorney
11.  English Translation Document (if applicable)
12.  Information Disclosure Statement (IDS)/PTO-1449
  Copies of IDS Citations
13.  Preliminary Amendment
14.  Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)
15.  Certified Copy of Priority Document(s)  
(if foreign priority is claimed)
16.  Request and Certification under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17.  Other:

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

 Continuation     Divisional     Continuation-in-part (CIP)

of prior application No: \_\_\_\_\_ / \_\_\_\_\_ .

Group / Art Unit: \_\_\_\_\_

Prior application information: Examiner \_\_\_\_\_  
For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.**19. CORRESPONDENCE ADDRESS** Customer Number or Bar Code Label

23494

(Insert Customer No. or Attach bar code label here)

or  Correspondence address below

|         |  |                              |                  |
|---------|--|------------------------------|------------------|
| NAME    | Texas Instruments Incorporated, Jacqueline J. Garner |                              |                  |
| ADDRESS |  |                              |                  |
| CITY    | STATE  | ZIP CODE                     |                  |
| COUNTRY | TELEPHONE  | TI Attorney Ph. 214-532-9348 | FAX 972-917-4418 |

|                   |   |                                   |              |
|-------------------|---|-----------------------------------|--------------|
| Name (Print/Type) | Ruben C. DeLe n   | Registration No. (Attorney/Agent) | 37,812       |
| Signature         |  |                                   | Date 6/23/03 |

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

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1726 U.S. P10  
06/24/03

**FEE TRANSMITTAL  
for FY 2003**

*Patent fees are subject to annual revision.*

**TOTAL AMOUNT OF PAYMENT** (\$ 906)

*Complete If Known*

|                      |                   |
|----------------------|-------------------|
| Application Number   |                   |
| Filing Date          |                   |
| First Named Inventor | PR Chidambaram    |
| Examiner Name        |                   |
| Group Art Unit       | TL 25600/4000-100 |

05/24/03

**METHOD OF PAYMENT**

## **FEE CALCULATION (continued)**

1.  The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

|                              |                                |
|------------------------------|--------------------------------|
| Deposit<br>Account<br>Number | 20-0668                        |
| Deposit<br>Account<br>Name   | Texas Instruments Incorporated |

- Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17

Applicant claims small entity status. See 37 CFR 1.27.

- 2.  Payment Enclosed:**

#### **FFF CALCULATION**

**1. BASIC FILING FEE**

### Large Entity Small Entity

| Fee Code            | Fee (\$) | Fee Code | Fee (\$) | Fee Description        | Fee Paid       |
|---------------------|----------|----------|----------|------------------------|----------------|
| 1001                | 740      | 201      | 355      | Utility filing fee     | \$740          |
| 1002                | 330      | 206      | 160      | Design filing fee      |                |
| 1003                | 510      | 207      | 245      | Plant filing fee       |                |
| 1004                | 740      | 208      | 355      | Reissue filing fee     |                |
| 1005                | 160      | 214      | 75       | Provisional filing fee |                |
| <b>SUBTOTAL (1)</b> |          |          |          |                        | <b>(\$740)</b> |

## **2. EXTRA CLAIM FEES**

|                    | Extra Claims | Fee from below | Fee Paid |
|--------------------|--------------|----------------|----------|
| Total Claims       | 27           | -20** =        | 18 = 126 |
| Independent Claims | 3            | -3** =         | 84 =     |
| Multiple Dependent |              |                | 270 =    |

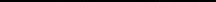
| Large<br>Fee<br>Code | Entity<br>Fee<br>(\$) | Small<br>Fee<br>Code | Entity<br>Fee<br>(\$) | Fee Description   |
|----------------------|-----------------------|----------------------|-----------------------|---|
| 1202                 | 18                    | 203                  | 9                     | Claims in excess of 20                                    |
| 1201                 | 84                    | 202                  | 40                    | Independent claims in excess of 3                         |
| 1203                 | 280                   | 204                  | 135                   | Multiple dependent claim, if not paid                     |
| 1204                 | 84                    | 209                  | 40                    | **Reissue independent claims over original patent         |
| 1205                 | 18                    | 210                  | 9                     | **Reissue claims in excess of 20 and over original patent |
| <b>SUBTOTAL (2)</b>  |                       |                      |                       | <b>(\$126</b>   |

### **3. ADDITIONAL FEES**

| Large Entity |          | Small Entity |          | Fee Description   | Fee Paid |
|--------------|----------|--------------|----------|---|----------|
| Fee Code     | Fee (\$) | Fee Code     | Fee (\$) |   |          |
| 1051         | 130      | 205          | 65       | Surcharge - late filing fee of oath                                     |          |
| 1052         | 50       | 227          | 25       | Surcharge - late provisional filing fee or cover sheet                  |          |
| 1053         | 130      | 139          | 130      | Non-English specification   |          |
| 1812         | 2,520    | 147          | 2,520    | For filing a request for ex parte reexamination                         |          |
| 1804         | 920*     | 112          | 920*     | Requesting publication of SIR prior to Examiner action                  |          |
| 1805         | 1,840*   | 113          | 1,840*   | Requesting publication of SIR after Examiner action                     |          |
| 1251         | 110      | 215          | 55       | Extension for reply within first month                                  |          |
| 1252         | 400      | 216          | 195      | Extension for reply within second month                                 |          |
| 1253         | 920      | 217          | 445      | Extension for reply within third month                                  |          |
| 1254         | 1,440    | 218          | 695      | Extension for reply within fourth month                                 |          |
| 1255         | 1,960    | 228          | 945      | Extension for reply within fifth month                                  |          |
| 1401         | 320      | 219          | 155      | Notice of Appeal  |          |
| 1402         | 320      | 220          | 155      | Filing a brief in support of an appeal                                  |          |
| 1403         | 280      | 221          | 135      | Request for oral hearing  |          |
| 1451         | 1,510    | 138          | 1,510    | Petition to institute a public use proceeding                           |          |
| 1452         | 110      | 240          | 55       | Petition to revive - unavoidable  |          |
| 1453         | 1,280    | 241          | 620      | Petition to revive - unintentional                                      |          |
| 1501         | 1,280    | 242          | 620      | Utility issue fee (or reissue)  |          |
| 1502         | 460      | 243          | 220      | Design issue fee  |          |
| 1503         | 620      | 244          | 300      | Plant issue fee   |          |
| 1460         | 130      | 122          | 130      | Petitions to the Commissioner   |          |
| 1807         | 50       | 123          | 130      | Petitions related to ProVl Apps (Proc. Fee under 37 CFR 1.17(q))        |          |
| 1806         | 180      | 126          | 180      | Submission of information Disclosure Stmt                               |          |
| 8021         | 40       | 581          | 40       | Recording each patent assignment per property (times no. of properties) | 40       |
| 1809         | 740      | 246          | 355      | Filing a submission after final rejection (37 CFR §1.129(a))            |          |
| 1810         | 740      | 249          | 355      | For each additional invention to be examined (37 CFR §1.129(b))         |          |
| 1801         | 740      | 279          | 355      | Request for Continued Examination (RCE)                                 |          |
| 1802         | 900      | 169          | 900      | Request for expedited examination of a design application               |          |

\*Reduced by Basic Filing Fee Paid

**SUBTOTAL (3) (\$)** 40

|                   |   |                                      |        |                             |
|-------------------|---|--------------------------------------|--------|-----------------------------|
| SUBMITTED BY      |   | Complete (If applicable)             |        |                             |
| Name (Print/Type) | Ruben C. DeLeon   | Registration No.<br>(Attorney/Agent) | 37,812 | Telephone<br>(469) 916-5319 |
| Signature         |  |                                      | Date   | 6/24/03                     |

**WARNING:** Information on this form may become public record. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038, Burden Hour Statement. This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231

Ruben C. DeLeon  
rdeleon@warrenkennedy.com



Direct: 469.916.5319  
Fax: 972.506.9827

June 23, 2003

Box: PATENT APPLICATION  
Commissioner for Patents  
Washington, D.C. 20231

VIA EXPRESS MAIL NO. ER037300136US

Re: Application for IMPROVED METHOD FOR PRODUCING LOW/HIGH  
VOLTAGE THRESHOLD TRANSISTORS IN SEMICONDUCTOR  
PROCESSING  
Filing Date: June 23, 2003  
Our File No.: 0001000.01005

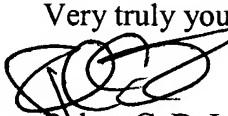
Dear Sir:

Enclosed for filing please find the following items relating to the above-identified patent application:

- (1) Utility Patent Application Transmittal;
- (2) Fee Transmittal for FY 2003;
- (3) Specification (10 pages);
- (4) Drawings (4 sheets);
- (5) Declaration and Power of Attorney;
- (6) Assignment papers;
- (7) Return post cards (2); and
- (8) Express Mail No. ER037300136US.

Please file the Application and return the date-stamped post cards to the addresses indicated on each. Please charge the \$750.00 filing fee and the \$40.00 Assignment recording fee to Deposit Account No. 20-0668 (Texas Instruments Incorporated).

If you have any questions or comments concerning this application, please call the undersigned at your earliest convenience.

Very truly yours,  
  
Ruben C. DeLeon  
Registration No. 37,812

RCD/ss  
Enclosures  
Cc: Jacqueline J. Garner, Esq.

0001000.01005  
TI 35608